

**RIFA Environmental Monitoring Field Notes**  
Environmental Hazards Assessment Program  
Environmental Monitoring and Pest Management Branch  
Department of Pesticide Regulation  
380 K Street, Sacramento, CA 95814

Tripe Date: June 24-25, 1999

- I) At the request of Manuel Guterrez of Enforcement Branch DPR, Dave Kim and Kean S. Goh visited the Nakase Brothers Wholesale Nursery in El Toro, Orange County. We observed that the nursery is holding water on farm and preventing discharging to a drain and a creek. This is done by damming with plastic tarps on several sections of the drainage ditches within the nursery. We observed no to very little seepage. We spoke with Eliazar Najera, the nursery manager. He indicated that this is their voluntary practice to prevent chemical runoff.
- 2) Met with Joan Scheiman and Russ Maly to provide update of our monitoring activities and gather information RIFA infestation and treatment status.
- 3) Met at UC South Coast Research and Cooperative Extension Center, Irvine with the following attendees: John Kabashima, UC Cooperative Extension ; Christina Smith, UC Cooperative Extension ; Darren Haver, UC Cooperative Extension ; Paul Dufourd, LA County; John Ellis, Orange County; Scott Dawson, Santa Ana Regional Water Quality Control Board (RWQCB); Manuel Guterrez, Enforcement; Kean Goh and Dave Kim, DPR.

Purpose: a) to share information on status, scope, purpose of the RIFA monitoring project; b) to solicit input and recommendation on surface water monitoring sites for RIFA chemicals.

Highlights: DPR will adopt recommendations that:

- a) When treatment areas overlap with RWQCB permanent surface water sampling sites, DPR will use the same sites.
  - b) Whenever feasible DPR will pick sites that could separate residential use versus nursery or agriculture use.
  - c) DPR will also select sites that cover large and small nurseries. Large nurseries with discharge permits from RWQCB are Bordier's, Hines, and El Modeno Gardens in Orange Co.
  - d) DPR will also seek input on monitoring needs in LA and Riverside counties.
  - e) UC Cooperative Extension will explore doing collaborative study with nursery on dissipation and runoff mitigation measures.
  - f) DPR will develop surface water monitoring protocol for review.
- 4) June 25, Dave Kim, Roger Sava, and Pam Wofford collected background surface water samples for RIFA chemical analyses and toxicity testing at the following sites:

Arroyo Trabuco at Oso Pkwy. (O'Neill park)  
Bolsa Chica Channel at Lampson Ave.  
Drain at Irvine Blvd. between Jeffery and Sand Canyon (Hines' drain)  
San Diego Creek at Campus Dr.  
East Garden Grove Channel at Gothard  
Drain at Portola Pkwy and Bee Canyon Access Rd (El Modeno drain).

Sites not sampled

Bolsa Chica Channel at Westminster Ave – not yet have access  
Marshburn Creek (Bordier's Nursery Drain) - no water  
Bonita Creek at University Dr. - no water  
San Juan Creek at Stonehill Dr. - not enough time

Ksgoh 6/30/99